

Store at
-20°C
#78128**MCRIP1 (D2Y8V) Rabbit mAb**

Orders: 877-616-CELL (2355)
orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 11	Source/Isotype: Rabbit IgG	UniProt ID: #C9JLW8	Entrez-Gene Id: 348262
Product Usage Information		Application Western Blotting Immunoprecipitation	Dilution 1:1000 1:100			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		MCRIP1 (D2Y8V) Rabbit mAb recognizes endogenous levels of total MCRIP1 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro56 of human MCRIP1 protein.				
Background		Mapk-regulated corepressor-interacting protein 1 (MCRIP1) is a widely expressed protein substrate of ERK. MCRIP1 functions in regulating transcriptional repression of E-cadherin by the transcriptional corepressor CtBP. Unphosphorylated MCRIP1 binds to CtBP, preventing its transcriptional regulatory activity. When MCRIP1 is phosphorylated by ERK, CtIP is free to interact with the transcriptional repressor, ZEB1. The CtIP/ZEB1 complex then silences E-cadherin expression, promoting epithelial-mesenchymal transition (EMT), a process in tumor progression that leads to enhanced migration and invasion (1,2).				
Background References		1. Ichikawa, K. et al. (2015) <i>Mol Cell</i> 58, 35-46. 2. Yeung, K.T. and Yang, J. (2017) <i>Mol Oncol</i> 11, 28-39.				

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Applications Key	W: Western Blotting IP: Immunoprecipitation
Cross-Reactivity Key	H: Human
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